

# ***Building Losses in review 2011***

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## ***Water Damage Due to Leaking Pipes***

Reg. Maintenance  
ROOFS!!!  
Winterize  
Metals Damage  
Rust  
Pressure



Copyright Foundation-2-Rooftop, Inc.

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## ***Sprinkler and Flooding Threats***



- Sprinkler Line Placement
- Spray Control
- Maintenance
- Pressure
- Vandalism
- Freezing
- Damaged



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## ***Vandalism***



- Equipment
- Vehicles
- Buildings
- Windows



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## ***Damage Due to Lightning***



Surge Protectors  
Turn Off During Storms  
Backup Files  
Technician

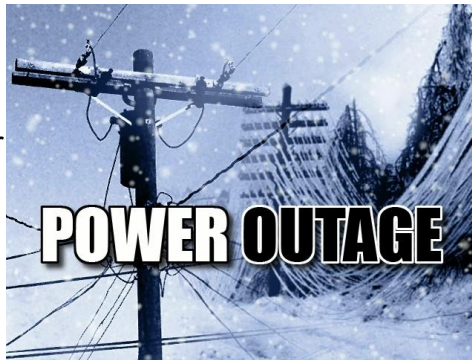


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## ***Emergency Power Supplies for Power Failure Losses***



- <http://www.utahemergencyinfo.com/go/doc/2515/925339/>
- Generators
- Secondary Power
- Medicines
- Frozen Pipes
- Apps/Twitter



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## Disasters! Earthquakes, etc.



- Zions Bank 2011 Windstorm
- Lessons learned? PLAN AHEAD



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## Assess your risks



- Perform an analysis of site risks, including flood, high winds and earthquakes
- Most likely hazard?
- Strengthen your facility accordingly
- Identify an alternate location to continue business
- Mock Drills

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## Water Damage due to Heavy Rains/Winds



- Mitigating Damages: Plan!!!!!!



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## Prevent Operational Disruptions



- Identify the most critical part of your operations
- Identify alternative for those operations
- Develop a PLAN!
- Pre-contract work agreements
- Develop employee leave policy
- Clear Expectations

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## Protect Critical Data



- Access to documents in different location
- Banking, tax, records, Insurance
- Secure Computers with backups
- Elevate and/or brace your inventory for disasters.
- Water resistant containers
- Backup Electricity

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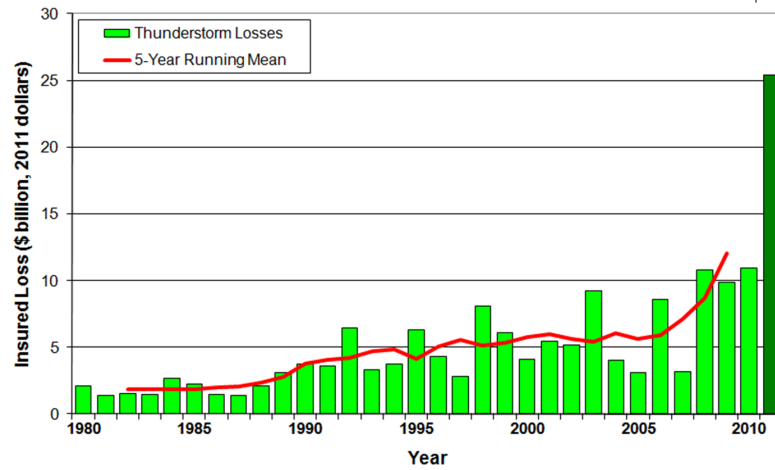
## Maximize Workplace Safety



- Identify structural weaknesses in your facilities
- Secure items above the ground
- Offer first aid training to employees
- Medical supplies in every location
- Simple evacuation plan
- 8-12 hours of necessary supplies for survival

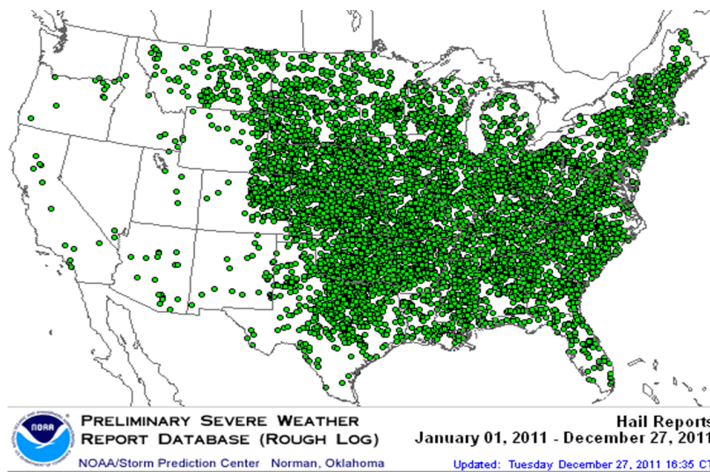
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## Thunderstorms



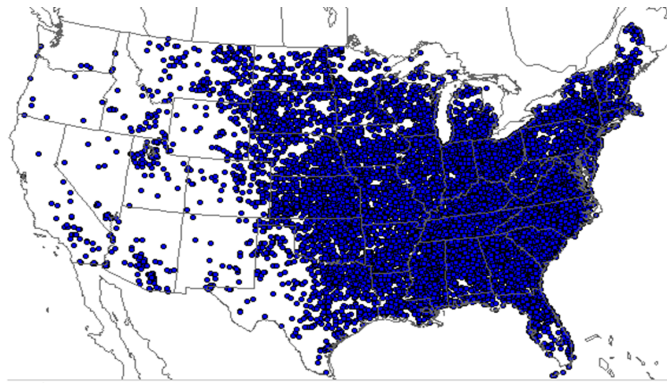
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## Hail Storms



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## Wind

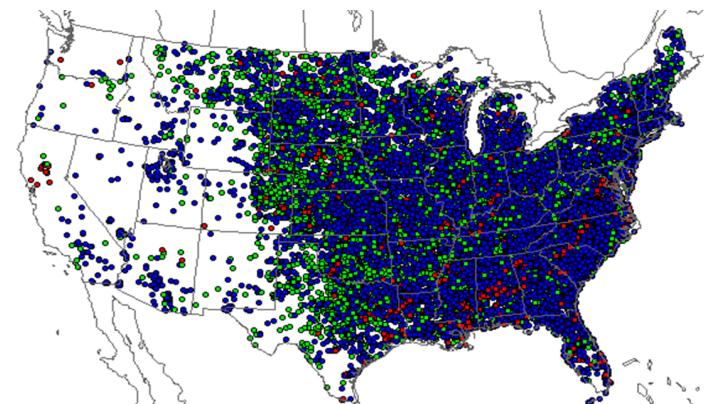



**PRELIMINARY SEVERE WEATHER  
REPORT DATABASE (ROUGH LOG)**
**Wind Reports**  
 January 01, 2011 - December 27, 2011  
 NOAA/Storm Prediction Center Norman, Oklahoma Updated: Tuesday December 27, 2011 16:35 CT



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## Severe Weather

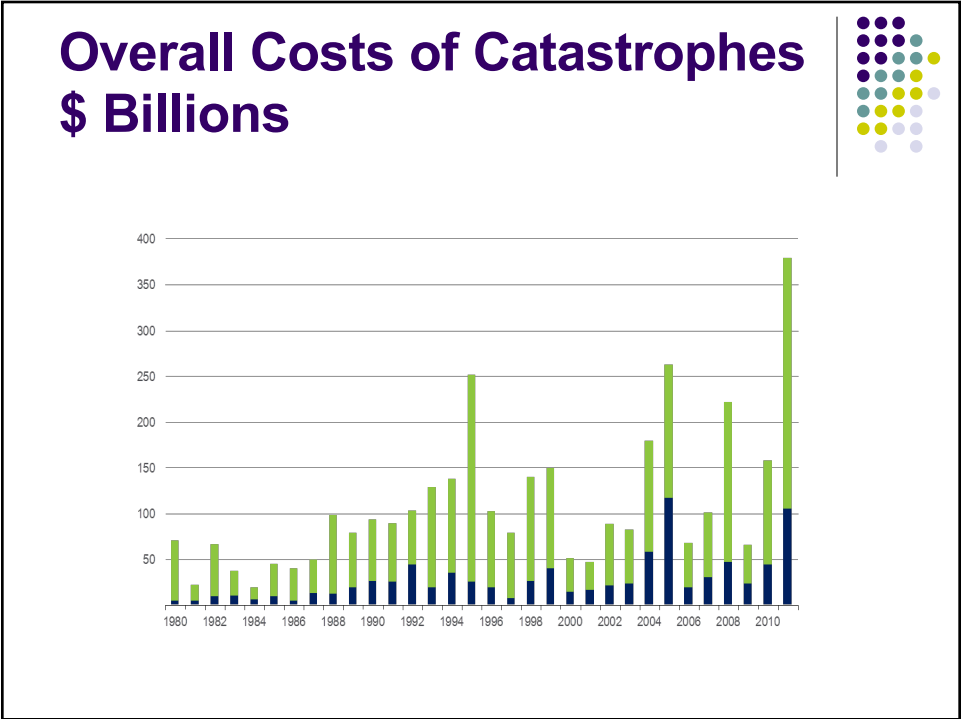



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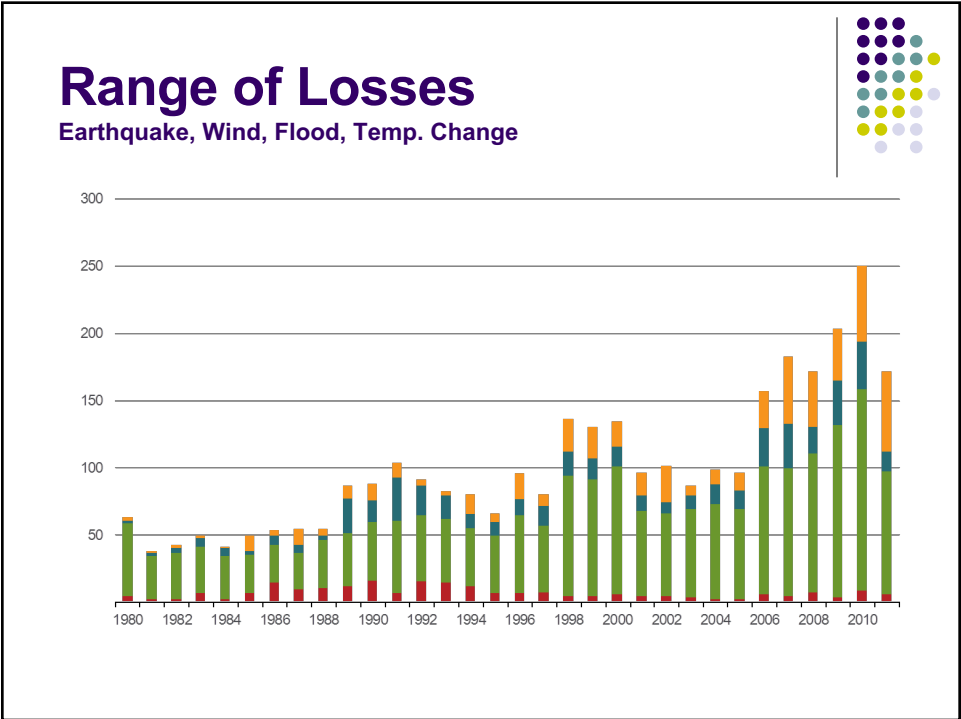


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## Earthquake

- <http://www.youtube.com/watch?v=OXIM4Nf3gZk&feature=channel>



Watch.htm



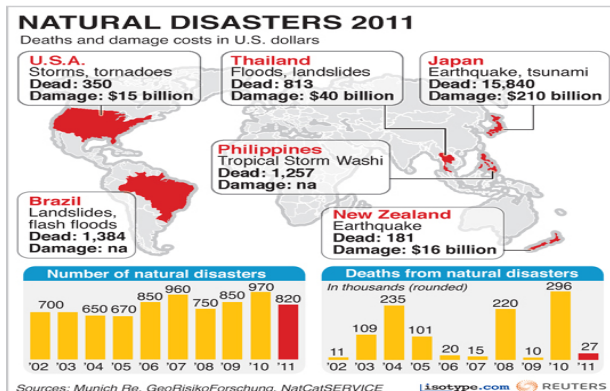
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## Emergency Operations Center

- <http://www.youtube.com/watch?v=b6AfOaihCFQ>

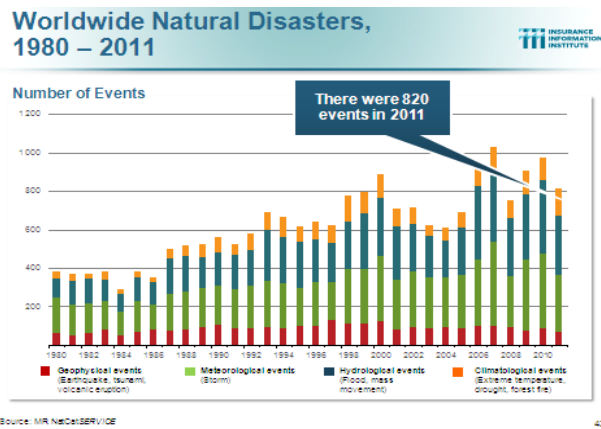


Watch 2.htm



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## Increasing Trend



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## Discussion

Identify:

Prioritize:

Solutions:



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